

EXPRESS MAIL MAILING LABEL

No. CL872887876US

SHEET 1 OF 9

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: MDS-013AC2

APPLICANT(S): Kaufman et al.

SERIAL NO.: Not Yet Assigned

FILING DATE: Herewith

GROUP: Not Yet Assigned

1c979 U.S. PTO

10/068133



02/05/02

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>2</i>	A1	3,013,467	12/19/61	Minsky	88	14	
	A2	3,809,072	5/7/74	Ersek et al.	128	23	
	A3	4,017,192	4/12/77	Rosenthal et al	356	201	
	A4	4,198,571	4/15/80	Sheppard	250	571	
	A5	4,254,421	3/3/81	Kreutel, Jr.	343	754	
	A6	4,357,075	11/2/82	Hunter	350	294	
	A7	4,397,557	8/9/83	Herwig et al.	356	342	
	A8	4,662,360	5/5/87	O'Hara et al.	128	9	
	A9	4,733,063	3/22/88	Kimura et al.	250	201	
	A10	4,741,326	5/3/88	Sidall et al.	128	4	
	A11	4,753,530	6/28/88	Knight et al.	356	73	
	A12	4,768,513	9/6/88	Suzuki	128	634	
	A13	4,844,617	7/4/89	Kelderman et al.	356	372	
	A14	4,845,352	7/4/89	Benschop	250	201	
	A15	4,852,955	8/1/89	Doyle et al.	350	1.2	
	A16	4,877,033	10/31/89	Seitz, jr.	128	660.05	
	A17	4,878,485	11/07/89	Adair	128	6	
	A18	4,891,829	1/2/90	Deckman et al.	378	4	
	A19	4,930,516	6/5/90	Alfano et al.	128	665	
	A20	4,945,478	7/31/90	Merickel et al.	364	413.22	
	A21	4,965,441	10/23/90	Picard	250	201.3	
	A22	4,972,258	11/20/90	Wolf et al.	358	93	
	A23	4,974,580	12/04/90	Anapliotis	128	4	
	A24	4,979,498	12/25/90	Oneda et al.	128	6	
<i>✓</i>	A25	4,997,242	3/5/91	Amos	350	6.91	
<i>✓</i>	A26	5,003,979	4/2/91	Merickel et al.	364	413.22	

EXAMINER

Kaufman

DATE CONSIDERED

3/5/00

FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: MDS-013AC2 APPLICANT(S): Kaufman et al. SERIAL NO.: Not Yet Assigned FILING DATE: Herewith GROUP: Not Yet Assigned			
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EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KJM	A27	5,011,243	4/30/91	Doyle et al.	350	1.2
	A28	5,022,757	6/11/91	Modell	356	318
	A29	5,028,802	7/2/91	Webb et al.	250	571
	A30	5,032,720	7/16/91	White	250	236
	A31	5,034,613	7/23/91	Denk et al.	250	458.1
	A32	5,036,853	8/6/91	Jeffcoat et al.	128	634
	A33	5,042,494	8/27/91	Alfano	128	665
	A34	5,054,926	10/8/91	Dabbs et al.	356	345
	A35	5,065,008	11/12/91	Hakamata et al.	250	216
	A36	5,071,246	12/10/91	Blaha et al.	351	221
	A37	5,074,306	12/24/91	Green et al.	128	664
	A38	5,083,220	1/21/92	Hill	359	234
	A39	5,091,652	2/25/92	Mathies et al.	250	458.1
	A40	5,120,953	6/9/92	Harris	250	227.20
	A41	5,122,653	6/16/92	Ohki	250	216
	A42	5,132,526	7/21/92	Iwasaki	250	201.3
	A43	5,139,025	8/18/92	Lewis et al.	128	665
	A44	5,154,166	10/13/92	Chikama	128	4
	A45	5,159,919	11/03/92	Chikama	128	4
	A46	5,161,053	11/3/92	Dabbs	359	384
	A47	5,162,641	11/10/92	Fountain	250	201.2
	A48	5,162,941	11/10/92	Favro et al.	359	386
	A49	5,168,157	12/1/92	Kimura	250	234
	A50	5,192,980	3/9/93	Dixon et al.	356	326
	A51	Re. 34,214	4/6/93	Carlsson et al.	358	93
	A52	5,201,318	4/13/93	Rava et al.	128	665
KJM	A53	5,201,908	4/13/93	Jones	128	4

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 3/5/06
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FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-013AC2			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Kaufman et al.			
				SERIAL NO.: Not Yet Assigned			
				FILING DATE: Herewith			
				GROUP: Not Yet Assigned			

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KAN	A54	5,225,671	7/6/93	Fukuyama	250	216	
	A55	5,235,457	8/10/93	Lichtman et al.	359	368	
	A56	5,237,984	8/24/93	Williams, III et al.	128	4	
	A57	5,239,178	8/24/93	Derndinger et al.	250	234	
	A58	5,248,876	9/28/93	Kerstens et al.	250	561	
	A59	5,257,617	11/2/93	Takahashi	128	4	
	A60	5,260,569	11/9/93	Kimura	250	234	
	A61	5,260,578	11/9/93	Bliton et al.	250	461.1	
	A62	5,261,410	11/16/93	Alfano et al.	128	664	
	A63	5,262,646	11/16/93	Booker et al.	250	341	
	A64	5,274,240	12/28/93	Mathies et al.	250	458.1	
	A65	5,284,149	2/8/94	Dhadwal et al.	128	665	
	A66	5,286,964	2/15/94	Fountain	250	201.2	
	A67	5,294,799	3/15/94	Aslund et al.	250	458.1	
	A68	5,296,700	3/22/94	Kumagai	250	216	
	A69	5,303,026	4/12/94	Strobl et al.	356	318	
	A70	5,306,902	4/26/94	Goodman	250	201.3	
	A71	5,313,567	5/17/94	Civanlar et al	395	124	
	A72	5,319,200	6/7/94	Rosenthal et al.	250	341	
	A73	5,321,501	6/14/94	Swanson et al.	356	345	
	A74	5,324,979	6/28/94	Rosenthal	250	504R	
	A75	5,325,846	7/5/94	Szabo	128	4	
	A76	5,329,352	7/12/94	Jacobsen	356	301	
	A77	5,337,734	8/16/94	Saab	128	4	
	A78	5,343,038	8/30/94	Nishiwaki et al.	250	234	
	A79	5,345,306	9/6/94	Ichimura et al.	356	346	
KAN	A80	5,398,685	3/21/95	Wilk et al.	128	653.1	

EXAMINER	<i>KAN</i>	DATE CONSIDERED	3/5/06
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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>Eda</i>	A81	5,402,768	4/4/95	Adair	128	4	
	A82	5,406,939	4/18/95	Bala	128	4	
	A83	5,413,092	5/9/95	Williams, III et al.	128	4	
	A84	5,413,108	5/9/95	Alfano	128	665	
	A85	5,415,157	5/16/95	Welcome	128	4	
	A86	5,418,797	5/23/95	Bashkansky et al.	372	3	
	A87	5,419,311	5/30/95	Yabe et al.	128	4	
	A88	5,421,337	6/6/95	Richards-Kortum et al.	128	665	
	A89	5,421,339	6/6/95	Ramanujam et al.	128	665	
	A90	5,451,931	9/19/95	Muller et al.	340	630	
	A91	5,458,132	10/17/95	Yabe et al.	128	4	
	A92	5,458,133	10/17/95	Yabe et al.	600	121	
	A93	5,477,382	12/19/95	Pernick	359	559	
	A94	5,480,775	1/2/96	Ito et al.	435	7.2	
	A95	5,493,444	2/20/96	Khoury et al.	359	559	
	A96	5,507,295	4/16/96	Skidmore	600	121	
	A97	5,516,010	5/14/96	O'Hara et al.	600	122	
	A98	5,529,235	6/25/96	Bolarski et al.	227	175.1	
	A99	5,536,236	7/16/96	Yabe et al.	600	125	
	A100	5,545,121	8/13/96	Yabe et al.	600	121	
	A101	5,551,945	9/3/96	Yabe et al.	600	122	
	A102	5,556,367	9/17/96	Yabe et al.	600	124	
	A103	5,587,832	12/24/96	Krause	359	385	
	A104	5,596,992	1/28/97	Haaland et al.	128	664	
	A105	5,609,560	3/11/97	Ichikawa et al.	600	101	
<i>V</i>	A106	5,623,932	4/29/97	Ramanujam et al.	128	665	
<i>Eda</i>	A107	5,662,588	9/2/97	Lida	600	121	

EXAMINER

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>kon</i>	A108	5,685,822	11/11/97	Harhen	600	125	
	A109	5,693,043	12/2/97	Kittrell et al.	606	15	
	A110	5,695,448	12/9/97	Kimura et al.	600	121	
	A111	5,704,892	1/6/98	Adair	600	121	
	A112	5,707,343	1/13/98	O'Hara et al.	600	121	
	A113	5,713,364	2/3/98	DeBaryshe et al.	128	664	
	A114	5,730,701	3/24/98	Furukawa et al.	600	127	
	A115	5,733,244	3/31/98	Yasui et al.	600	127	
	A116	5,746,695	5/5/98	Yasui et al.	600	127	
	A117	5,768,333	6/16/98	Abdel-Mottaleb	378	37	
	A118	5,769,792	6/23/98	Palcic et al.	600	477	
	A119	5,795,632	8/18/98	Buchalter	428	35.2	
	A120	5,800,350	9/1/98	Coppleson et al.	600	372	
	A121	5,807,248	9/15/98	Mills	600	322	
	A122	5,813,987	9/29/98	Modell et al.	600	473	
	A123	5,817,015	10/6/98	Adair	600	121	
	A124	5,833,617	11/10/98	Hayashi	600	476	
	A125	5,855,551	1/5/99	Sklandnev et al.	600	372	
	A126	5,860,913	1/19/99	Yamaya et al.	600	127	
	A127	5,865,726	2/2/99	Katsurada et al.	600	127	
	A128	5,876,329	3/2/99	Harhen	600	125	
	A129	6,104,945	8/15/00	Modell et al.	600	473	
	A130	6,119,031	9/12/00	Crowley	600	407	
	A131	6,146,897	11/14/00	Cohenford et al.	436	63	
	A132	6,169,817 B1	1/2/01	Parker et al.	382	131	
<i>u</i>	A133	4,273,110	6/16/81	Groux			7/11/79
<i>kon</i>	A134	5,421,339	6/6/95	Ramanujam et al.			5/12/93

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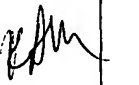
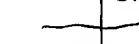
FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-013AC2			
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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>KH</i>	A135	5,424,543	6/13/95	Dombrowski et al.			4/19/93
	A136	5,450,857	9/19/95	Garfield et al.			5/19/94
	A137	5,647,368	7/15/97	Zeng et al.			2/28/96
	A138	5,697,373	12/16/97	Ricahrs-Kortum et al.			3/14/95
	A139	5,791,346	8/11/98	Craine et al.			8/22/96
	A140	5,920,399	7/6/99	Sandison et al.			3/18/97
	A141	5,921,926	7/13/99	Rolland et al.			12/31/97
<i>KH</i>	A142	5,989,184	11/23/99	Blair			12/5/97

EXAMINER <i>Bertho</i>	DATE CONSIDERED <i>3/5/06</i>
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					GROUP: Not Yet Assigned				
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>EDN</i>	B1	1 223 092	4/7/86	SU				In English	N
	B2	0 135 134	3/27/85	EP					Y
	B3	0 280 418	8/31/88	EP					Y
	B4	0 335 725	10/4/89	EP					Y
	B5	0 474 264	3/11/92	EP					Y
	B6	0 641 542	3/8/95	EP					Y
	B7	0 689 045 A1	12/27/95	EP					Y
	B8	WO 93/14688	8/5/93	PCT					Y
	B9	WO 94/26168	11/24/94	PCT					Y
	B10	WO 95/04385	2/9/95	PCT					
	B11	WO 97/05473	2/13/97	PCT					Y
	B12	WO 98/30889	2/13/97	PCT					Y
	B13	WO 98/41176	9/24/98	PCT					
	B14	1 104 658	6/6/01	EP			7/14/89		Y
	B15	WO 92/19148	11/12/92	PCT			4/29/92		Y
	B16	WO 99/18847	4/22/99	PCT			12/14/98		Y
<i>EDN</i>	B17	WO 98/24369	06/11/98	PCT			11/20/97	N	Y

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	3/5/06
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FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-013AC2	
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Kaufman et al.	
		SERIAL NO.: Not Yet Assigned	
		FILING DATE: Herewith	
		GROUP: Not Yet Assigned	
OTHER ART, JOURNAL ARTICLES, ETC.			
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
	C1	P. Davidovits et al. "Scanning Laser Microscope for Biological Investigations", Applied Optics, Vol. 10, No. 7, pp. 1615-1619, July 1971.	
	C2	C.J.R. Sheppard et al. "Depth of Field in the Scanning Microscope", Optics Letters, Vol. 3, No. 3, September 1978, pp. 115-117.	
	C3	C.J. Koester, "Scanning Mirror Microscope with Optical Sectioning Characteristics: Applications in Ophthalmology", Applied Optics, Vol. 19, No. 11, June 1980, pp. 1749-1757.	
	C4	T. Wilson, "The Role of the Pinhole in Confocal Imaging Systems", Confocal Microscopy Handbook, pp. 99-113.	
	C5	C. Koester, "Comparison of Optical Sectioning Methods: The Scanning Slit Confocal Microscope", Confocal Microscopy Handbook, pp. 189-194.	
	C6	Jeffrey W. Hall, et al. "Near-Infrared Spectrophotometry: A New Dimension in Clinical Chemistry", Clin. Chem 38/9, 1623-1631 (1992).	
	C7	Kevin T. Schomacker, et al. "Ultraviolet-Laser-Induced Fluorescence of Colonic Tissue: Basic Biology and Diagnostic Potential", Lasers in Surgery and Medicine, 12: 63-78, (1992).	
	C8	S. Schwartz, "Real-time laser-scanning Confocal ratio imaging", American Laboratory, pp. 53-62 April 1993.	
	C9	R. Richards-Kortum et al. "Description and Performance of a Fiber-optic Confocal Fluorescence Spectrometer", Applied Spectroscopy, Vol. 48, No. 3 pp. 350-355. (1994).	
	C10	J.M. Schmitt et al. "Interferometric Versus Confocal Techniques for Imaging Microstructures in Turbid Biological Media", Proc. SPIE, 2135 (1994), pp. 1-12.	
	C11	N. Ramanujam et al. "Fluorescence Spectroscopy: A Diagnostic Tool for Cervical Intraepithelial Neoplasia (CIN)", Gynecologic Oncology 52, pp. 31-38 (1994).	
	C12	S.G. Anderson, "Confocal Laser Microscopes See A Wider Field of Application", Laser Focus World, pp. 83-86, February 1994.	
	C13	J.M. Schmitt et al. "Confocal Microscopy in Turbid Media", J. Opt. Soc. Am., Vol. 11, pp. 2225-2235, August 1994.	
	C14	N. Ramanujam et al. "In vivo diagnosis of cervical intraepithelial neoplasia using 337-nm-excited laser-induced fluorescence", Pro. Natl. Acad. Sci. USA, Vol. 91, pp. 10193-10197, October 1994.	
	C15	Sakuma, T. (1985), "Quantitative Analysis of the Whiteness of the Atypical Cervical Transformation Zone", The Journal of Reproductive Medicine, 30(10):773-776.	
OTHER ART, JOURNAL ARTICLES, ETC.			
EXAMINER	DATE CONSIDERED		

FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-013AC2	
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Kaufman et al.	
		SERIAL NO.: Not Yet Assigned	
		FILING DATE: Herewith	
		GROUP: Not Yet Assigned	
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
	C16	Tadrous, "Methods for Imaging the Structure and Function of Living Tissues and Cells: 2. Fluorescence Lifetime Imaging," Journal of Pathology, Vol. 9, pp. 229-234 (2000).	
	C17	Balas et al., "In Vivo Detection and Staging of Epithelial Dysplasias and Malignancies Based on the Quantitative Assessment of Acetic Acid-Tissue Interaction Kinetics," Journal of Photochemistry and Photobiology B: Biology, Vol. 53, pp. 153-157 (1999).	
	C18	Balas et al., "In Vivo Assessment of Acetic Acid-Cervical Tissue Interaction Using Quantitative Imaging of Back-Scattered Light: Its Potential Use for the In Vivo Cervical Cancer Detection Grading and Mapping," Part of the EUROPTO Conference on Optical Biopsy, Stockholm, Sweden, SPIE, Vol. 3568 (September 1998).	
	C19	Balas, "An Imaging Colorimeter for Noncontact Tissue Color Mapping," IEEE Transactions on Biomedical Engineering, Vol. 44, No. 6, pp. 468-474 (June 1997).	

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EXAMINER 	DATE CONSIDERED 3/5/06
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SHEET 1 OF 1

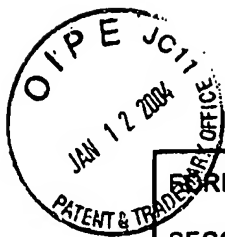
FORM PTO - 1449				ATTORNEY DOCKET NO.: MDS-013AC2					
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Kaufman et al.					
				SERIAL NO.: 10/068,133					
				FILING DATE: February 5, 2002					
				GROUP: 1743					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>EW</i>	A143	4,549,229	10/22/85	Nakano et al.	<i>C</i>		01/31/83		
<i>EW</i>	A144	4,800,571	01/24/89	Konishi			01/11/88		
<i>EW</i>	A145	5,253,071	10/12/93	MacKay			12/20/91		
<i>EW</i>	A146	5,289,274	02/22/94	Kondo			01/31/92		
<i>EW</i>	A147	5,519,545	05/21/96	Kawahara			11/29/94		
<i>EW</i>	A148	6,285,639 B1	09/04/01	Maenza et al.			04/29/98		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C20	Dickman et al., "Identification of Cervical Neoplasia Using a Simulation of Human Vision" Journal of Lower Genital Tract Disease, Vol. 5, No. 3 (2001) pp. 144-152.							
	C21	Ji et al., "Texture Analysis for Classification of Cervix Lesions" IEEE Transactions on Medical Imaging, Vol. 19, No. 11 (November 2000) pp.1144-1149.							
	C22	Pogue et al., "Analysis of Acetic Acid-Induced Whitening of High-Grade Squamous Intraepithelial Lesions" Journal of Biomedical Optics, Vol. 6, No. 4 (October 2001) pp. 397-403.							
EXAMINER	<i>Ken Jhu</i>				DATE CONSIDERED	<i>3/5/02</i>			

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Kaufman et al.			
				SERIAL NO.: 10/068,133			
				FILING DATE: February 5, 2002 GROUP: 1743			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>Kan</i>	A149	5,101,825	04/07/92	Gravenstein et al.			
	A150	5,199,431	04/06/93	Kittrell et al.			
	A151	5,735,276	04/07/98	Lemelson			
	A152	5,983,125	11/09/99	Alfano et al.			
	A153	6,021,344	02/01/00	Lui et al.			
	A154	6,124,597	09/26/00	Shehada et al.			
	A155	6,243,601 B1	06/05/01	Wist			
	A156	6,571,118 B1	05/27/03	Utzinger et al.			
	A157	6,574,502 B2	06/03/03	Hayashi			
	A158	4,646,722	03/03/87	Silverstein et al.			
	A159	5,193,525	03/16/93	Silverstein et al.			
	A160	5,469,853	11/28/95	Law et al.			
	A161	5,496,259	03/05/96	Perkins			
	A162	5,830,146	11/03/98	Skladnev et al.			
	A163	5,863,287	01/26/99	Segawa			
	A164	5,941,834	08/24/99	Skladnev et al.			
	A165	6,096,065	08/01/00	Crowley			
	A166	6,099,464	08/08/00	Shimizu et al.			
	A167	Des. 242,393	11/16/76	Bauman			
	A168	Des. 242,396	11/16/76	Bauman			
	A169	Des. 242,397	11/16/76	Bauman			
	A170	Des. 242,398	11/16/76	Bauman			
	A171	D 453,832 S	02/19/02	Morrell et al.			
<i>Kan</i>	A172	D 453,962 S	02/26/02	Morrell et al.			
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U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>km</i>	A173	D 453,963 S	02/26/02	Morrell et al.					
	A174	D 453,964 S	02/26/02	Morrell, et al.					
	A175	D 460,821 S	07/23/02	Morrell et al.					
	A176	4,071,020	1/31/78	Pugliese					
	A177	6,241,662	6/5/01	Richards-Kortum et al.					
	A178	6,377,842	4/23/02	Pogue et al.					
<i>km</i>	A179	6,069,689	5/30/00	Zeng et al.					
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>km</i>	B18	00/59366	10/12/00	WO					
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
EXAMINER	<i>Bw</i>				DATE CONSIDERED <i>3/5/06</i>				



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<i>K</i>	A180	D 500,134	12/21/04	Banks <i>et al.</i>			
	A181	D 507,349	07/12/05	Banks <i>et al.</i>			
	A182	3,632,865	01/04/72	Haskell <i>et al.</i>	178	6	12/23/69
	A183	3,890,462	06/17/75	Limb <i>et al.</i>	178	6.8	04/17/74
	A184	3,945,371	03/23/76	Adelman			
	A185	3,963,019	06/15/75	Quandt <i>et al.</i>	128	2	11/25/74
	A186	4,218,703	08/19/80	Netravali <i>et al.</i>	358	136	03/16/79
	A187	4,349,510	09/14/82	Kolehmainen, <i>et al.</i>			
	A188	4,396,579	08/02/83	Schroeder, <i>et al.</i>			
	A189	4,515,165	05/07/85	Carroll	128	664	09/15/1981
	A190	4,558,462	12/10/85	Horiba <i>et al.</i>	382	42	08/31/1983
	A191	4,641,352	02/03/87	Fenster <i>et al.</i>	382	6	07/12/1984
	A192	4,755,055	07/05/88	Johnson <i>et al.</i>			
	A193	4,803,049	02/07/89	Hirschfeld <i>et al.</i>	422	58	12/12/84
	A194	5,048,946	09/17/91	Sklar <i>et al.</i>	351	206	05/15/90
	A195	5,203,328	04/20/93	Samuels <i>et al.</i>	128	633	07/17/91
	A196	5,205,291	04/27/93	Potter			
	A197	5,267,179	11/30/93	Butler <i>et al.</i>	382	212	08/30/89
	A198	5,345,941	09/13/94	Rava <i>et al.</i>	128	665	3/1/93
	A199	5,349,961	09/27/94	Stoddart <i>et al.</i>	128	665	09/27/94
	A200	5,383,874	01/24/95	Jackson <i>et al.</i>	601	1	11/13/92
	A201	5,412,563	05/02/95	Cline <i>et al.</i>	345	420	09/16/93
<i>K</i>	A202	5,419,323	05/30/95	Kittrell <i>et al.</i>	128	653	11/17/89
<i>K</i>	A203	5,452,723	09/26/95	Wu <i>et al.</i>			

EXAMINER <i>Kaufman</i>	DATE CONSIDERED <i>8/5/06</i>
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<i>KMM</i>	A204	5,467,767	11/21/95	Alfano <i>et al.</i>	128	665	08/27/93
	A205	5,562,100	10/08/96	Kittrell <i>et al.</i>	128	665	05/25/94
	A206	5,579,773	12/03/96	Vo-Dinh <i>et al.</i>	128	665	09/30/94
	A207	5,582,168	12/10/96	Samuels <i>et al.</i>	128	633	01/22/93
	A208	5,599,717	02/04/97	Vo-Dinh	436	63	9/2/94
	A209	5,612,540	03/18/97	Richards-Korum <i>et al.</i>	250	461.2	3/31/95
	A210	5,643,175	07/01/97	Adair	600	133	02/05/1996
	A211	5,659,384	08/19/97	Ina	355	53	
	A212	5,690,106	11/25/97	Bani-Hashemi <i>et al.</i>	128	653.1	6/30/95
	A213	5,699,795	12/23/97	Richards-Kortum	128	634	12/23/97
	A214	5,717,209	02/10/98	Bigman <i>et al.</i>	250	339.12	4/29/96
	A215	5,720,293	02/24/98	Quinn <i>et al.</i>	600	505	05/18/94
	A216	5,773,835	06/30/98	Sinofsky <i>et al.</i>	250	462.1	06/7/96
	A217	5,784,162	07/21/98	Cabib <i>et al.</i>			
	A218	5,832,931	11/10/98	Wachter <i>et al.</i>			
	A219	5,838,435	11/17/98	Sandison	356	243.1	10/20/97
	A220	5,840,035	11/24/98	Heusmann <i>et al.</i>	600	47	2/1/96
	A221	5,842,995	12/01/98	Mahadevan-Jansen <i>et al.</i>	600	473	6/28/96
	A222	5,871,439	02/16/99	Takahashi, <i>et al.</i>	600	118	01/18/96
	A223	5,894,340	04/13/99	Loree <i>et al.</i>	351	246	11/06/96
	A224	5,902,246	05/11/99	McHenry <i>et al.</i>			
	A225	5,912,257	06/15/99	Prasad <i>et al.</i>	514	356	09/05/96
	A226	5,929,985	07/27/99	Sandison <i>et al.</i>	365	318	3/18/97
	A227	5,931,779	08/03/99	Arakaki <i>et al.</i>	600	310	6/6/97
	A228	5,938,617	08/17/99	Vo-Dinh	600	476	12/3/96
	A229	5,987,343	11/16/99	Kinast	600	323	11/07/97
	A230	5,991,653	11/23/99	Richards-Kortum <i>et al.</i>	660	475	6/19/96
<i>EDM</i>	A231	5,995,645	11/30/99	Soenksen <i>et al.</i>	382	133	12/4/97

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<i>RM</i>	A232	5,999,844	12/07/99	Gombrich <i>et al.</i>			
	A233	6,011,596	01/04/00	Burl <i>et al.</i>	348	699	06/11/97
	A234	6,026,319	02/15/00	Hayashi			
	A235	6,058,322	05/02/00	Nishikawa <i>et al.</i>	600	408	7/25/97
	A236	6,067,371	05/23/00	Gouge <i>et al.</i>	382	128	02/13/98
	A237	6,083,487	07/04/00	Biel	424	9.6	08/25/1998
	A238	6,091,985	07/18/00	Alfano <i>et al.</i>	600	476	1/23/98
	A239	6,095,982	08/01/00	Richards-Kortum <i>et al.</i>	600	476	12/11/97
	A240	6,123,454	09/26/00	Canfield <i>et al.</i>			
	A241	6,135,965	10/24/00	Tumor <i>et al.</i>			
	A242	6,166,079	12/26/00	Follen <i>et al.</i>			
	A243	6,187,289	02/13/01	Richards-Kortum <i>et al.</i>	424	9.8	10/20/1998
	A244	6,208,887 B1	03/27/01	Clarke <i>et al.</i>	600	476	6/24/99
	A245	6,210,331	04/03/01	Raz			
	A246	6,224,256	05/01/01	Bala			
	A247	6,246,471 B1	06/12/01	Jung <i>et al.</i>	356	73	1/10/00
	A248	6,246,479 B1	06/12/01	Jung <i>et al.</i>	356	419	12/23/99
	A249	6,258,576	07/10/01	Richards-Kortum <i>et al.</i>	435	172	06/19/96
	A250	6,277,067	08/21/01	Blair	600	167	04/04/97
	A251	6,312,385 B1	11/06/01	Mo <i>et al.</i>	600	443	5/1/00
	A252	6,317,617 B1	11/13/01	Gilhuijs <i>et al.</i>	600	408	7/25/97
	A253	6,332,092	12/18/01	Deckert <i>et al.</i>			
	A254	6,370,422	04/09/02	Richards-Kortum, <i>et al.</i>			
	A255	6,373,998	04/16/02	Thirion <i>et al.</i>	382	294	PCT filed 05/15/98
	A256	6,385,484 B2	05/07/02	Nordstrom <i>et al.</i>	600	476	12/15/00
<i>✓</i>	A257	6,390,671	05/21/02	Tseng			
<i>RM</i>	A258	6,405,070	06/11/02	Banerjee			

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<i>km</i>	A259	6,411,835 B1	06/25/02	Modell <i>et al.</i>	600	407	2/2/99
	A260	6,411,838 B1	06/25/02	Nordstrom <i>et al.</i>	600	476	12/22/99
	A261	6,421,553 B1	07/16/02	Costa <i>et al.</i>	600	476	12/15/00
	A262	6,424,852	07/23/02	Zavislan			
	A263	6,427,082 B1	07/30/02	Nordstrom <i>et al.</i>	600	476	12/23/99
	A264	6,466,687	10/15/02	Uppaluri <i>et al.</i>	382	128	02/11/98
	A265	6,487,440	11/26/02	Deckert <i>et al.</i>			
	A266	6,497,659	12/24/02	Rafert	600	331	04/09/99
	A267	6,593,101	07/15/03	Richards-Kortum, <i>et al.</i>			
	A268	6,593,102	07/15/03	Zahniser			
	A269	6,639,674	10/28/03	Sokolov <i>et al.</i>			
	A270	6,697,666	02/24/04	Richards-Kortum, <i>et al.</i>			
	A271	6,760,613	07/06/04	Nordstrom <i>et al.</i>			
	A272	6,766,184	07/20/04	Uttinger <i>et al.</i>	600	407	03/28/01
	A273	6,768,918	07/27/04	Zelenchuk	600	476	07/10/02
	A274	6,794,431	09/21/04	Rosania <i>et al.</i>			
	A275	6,818,903	11/16/04	Schomacker, <i>et al.</i>			
	A276	6,826,422	11/30/04	Modell <i>et al.</i>			
	A277	6,839,661	01/04/05	Costa <i>et al.</i>			
	A278	6,847,490	01/25/05	Nordstrom <i>et al.</i>			
	A279	6,902,935	06/07/05	Kaufman <i>et al.</i>			
	A280	6,933,154	08/23/05	Schomacker <i>et al.</i>			
	A281	2001/0041843	11/15/01	Modell <i>et al.</i>	600	473	04/24/2001
	A282	2002/0007122	01/17/02	Kaufman <i>et al.</i>			
	A283	2002/0007123	01/17/02	Balas <i>et al.</i>	600	476	12/15/00
	A284	2002/0127735	09/12/02	Kaufman <i>et al.</i>			
<i>U</i>	A285	2002/0133073	09/19/02	Nordstrom <i>et al.</i>	600	426	02/08/2002
<i>km</i>	A286	2002/0177777	11/28/02	Nordstrom <i>et al.</i>			

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<i>[initials]</i>	A287	2003/0095721	05/22/03	Clume <i>et al.</i>			
	A288	2003/0114762	01/17/02	Balas	600	476	PCT 03/28/01
	A289	2003/0144585	07/31/03	Kaufman <i>et al.</i>			
	A290	2003/0163049	08/02/03	Balas	600	476	01/16/03
	A291	2003/0207250	11/06/03	Kaufman <i>et al.</i>	435	4	04/11/2003
	A292	2004/0010375	01/15/04	Schomacker <i>et al.</i>			
	A293	2004/0010187	01/15/04	Schomacker <i>et al.</i>	600	317	07/10/2002
	A294	2004/0206913	10/21/04	Costa <i>et al.</i>			
	A295	2004/0206882	10/21/04	Banks <i>et al.</i>			
	A296	2004/0206914	10/21/04	Schomacker <i>et al.</i>			
	A297	2004/0207625	10/21/04	Griffin <i>et al.</i>			
	A298	2004/0208385	10/21/04	Jiang			
	A299	2004/0208390	10/21/04	Jiang <i>et al.</i>			
	A300	2004/0209237	10/21/04	Flewelling <i>et al.</i>			
<i>[initials]</i>	A301	2005/0054936	03/10/05	Balas	600	476	05/21/04
<i>[initials]</i>	A302	2005/0090751	04/28/05	Balas	600	476	10/29/04

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRAC T ONLY	ENGLISH LANG (Y/N)
<i>[initials]</i>	B19	196 29 646	01/29/88	DE					
	B20	0 444 689 A2	09/04/91	EP					Y
	B21	0 737 849 A2	10/16/96	EP					Y
	B22	1-245215	1989	JP					
	B23	2-17429	1990	JP					
	B24	5-256772	1993	JP					
	B25	08-280602	10/29/96	JP					
<i>[initials]</i>	B26	95/00067	01/05/95	WO					
<i>[initials]</i>	B27	97/48331	12/24/97	WO			06/19/97		

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	B28	98/05253	02/12/98	WO		08/2/96		
	B29	99/20313	04/29/99	WO		10/20/98		
	B30	99/20314	04/29/99	WO		10/20/98		
	B31	99/47041	09/23/99	WO		03/19/99		
	B32	99/57507	11/11/99	WO		04/30/99		
	B33	99/57529	11/11/99	WO		05/04/99		
	B34	00/15101	03/23/00	WO		09/10/99		
	B35	00/41615	07/20/00	WO		01/11/00	N	Y
	B36	00/57361	09/28/00	WO		03/17/00	N	Y
	B37	00/74556	12/14/00	WO		06/09/00	N	Y
	B38	04/005885	01/15/04	WO		07/08/03	N	Y
	B39	04/005895	01/15/04	WO		07/08/03	N	Y
	B40	04/095359	11/04/04	WO				

OTHER ART, JOURNAL ARTICLES, ETC.	
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
C23	Agrawal <i>et al.</i> (1999), "Fluorescence Spectroscopy of the Cervix: Influence of Acetic Acid, Cervical Mucus, and Vaginal Medications," <u>Lasers in Surgery and Medicine</u> , 25:237-249.
C24	Althof <i>et al.</i> (1997), "A rapid and automatic image registration algorithm with subpixel accuracy," <u>IEEE Transactions on Medical Imaging</u> , 16(3):308-316.
C25	Aström <i>et al.</i> (1999), "Motion estimation in image sequences using the deformation of apparent contours," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 21(2):114-127.
C26	Balakrishnama <i>et al.</i> , "Linear Discriminant Analysis - A Brief Tutorial," <u>Institute for Signal and Information Processing Department of Electrical and Computer Engineering</u> , 8 pages.
C27	Balas (2001), "A Novel Optical Imaging Method for the Early Detection, Quantitative Grading, and Mapping of Cancerous and Precancerous Lesions of Cervix," <u>IEEE Transactions on Biomedical Engineering</u> , 48(1):96-104.
C28	Balas <i>et al.</i> (1997), "A modular diffuse reflection and fluorescence emission imaging colorimeter for the in-vivo study of parameters related with the phototoxic effect in PDT," <u>SPIE</u> , 3191:50-57.
C29	Bessey <i>et al.</i> (1949), "The Fluorometric measurement of the nucleotides of riboflavin and their concentration in tissues," <u>J. Biol.-Chem.</u> , 180:755-769.

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	C30	Bors <i>et al.</i> (1998), "Optical flow estimation and moving object segmentation based on median radial basis function network," <u>IEEE Transactions on Image Processing</u> , 7(5):693-702.
	C31	Bouthemy <i>et al.</i> (1999), "A unified approach to shot change detection and camera motion characterization," <u>IEEE Transactions on Circuits and Systems for Video Technology</u> , 9(7):1030-1044.
	C32	Braichotte <i>et al.</i> (1995), "Clinical Pharmacokinetic Studies of Photofrin by Fluorescence Spectroscopy in the Oral Cavity, the Esophagus, and the Bronchi," <u>Cancer</u> 75(11):2760-2778.
	C33	Brown (1990), "Chemometrics," <u>Anal. Chem.</u> , 62:84R-101R.
	C34	Camus <i>et al.</i> (1997), "Real-time quantized optical flow," <u>Real-Time Imaging</u> , 3:71-86.
	C35	Caplier <i>et al.</i> (1998), "Real-time implementation of a MRF-based motion detection algorithm," <u>Real-Time Imaging</u> , 4:41-54.
KAM	C36	Contini <i>et al.</i> (1989), "Colposcopy and Computer Graphics: a New Method?" <u>Amer. J. Obstet. Gynecol.</u> , 160(3):535-538.
KAM	C37	Craine <i>et al.</i> (1993), "Digital Imaging Colposcopy: basic concepts and applications," <u>Amer. J. Obstet. Gynecol.</u> , 82(5):869-873.
KAM	C38	Craine <i>et al.</i> (1998), "Digital imaging colposcopy: Corrected area measurements using shape-from-shading," <u>IEEE Transactions on Medical Imaging</u> , 17(6):1003-1010.
KAM	C39	Crisp <i>et al.</i> (1990), "The Computerized Digital Imaging Colposcope: Future Directions," <u>Amer. J. Obstet. Gynecol.</u> , 162(6):1491-1497.
KAM	C40	Cronjé <i>et al.</i> (1997), "Effects of Dilute Acetic Acid on the Cervical Smear," <u>Acta. Cytol.</u> , 41:1091-1094.
	C41	Drezek <i>et al.</i> (1999), "Light scattering from cells: finite-difference time-domain simulations and goniometric measurements," <u>Applied Optics</u> 38(16):3651-3661.
KAM	C42	Drezek <i>et al.</i> (2000), "Laser Scanning Confocal Microscopy of Cervical Tissue Before and After Application of Acetic Acid," <u>Am. J. Obstet. Gynecol.</u> , 182(5):1135-1139.
	C43	Dumontier <i>et al.</i> (1999), "Real-time DSP implementation for MRF-based video motion detection," <u>IEEE Transactions on Image Processing</u> , 8(10):1341-1347.
	C44	Earnshaw <i>et al.</i> (1996), "The Performance of Camera Translation Direction Estimators from Optical Flow: Analysis, Comparison, and Theoretical Limits," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 18(9):927-932.
KAM	C45	Edebiri, A.A. (1990), "The relative significance of colposcopic descriptive appearances in the diagnosis of cervical intraepithelial neoplasia," <u>Int. J. Gynecol. Obstet.</u> , 33:23-29.
KAM	C46	Eisner <i>et al.</i> (1987), "Use of Cross-Correlation Function to Detect Patient Motion During Spectral Imaging," <u>Journal of Nuclear Medicine</u> , 28(1):97-101.
?	C47	European Search Report for Pending European Patent Application No. 02019837-0, January 14, 2004 (4 pgs.)

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FORM PTO - 1449		ATTORNEY DOCKET NO.: MDS-013AC2
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2	C48	European Search Report for Pending European Patent Application No. 00938257, June 14, 2005 (3 pgs.)
	C49	Ferris <i>et al.</i> (1998), "Colposcopy Quality Control: Establishing Colposcopy Criterion Standards for the NCI ALTS Trial Using Cervigrams," <u>J. Lower Genital Tract Disease</u> , 2(4):195-203.
	C50	Fleet <i>et al.</i> (1995), "Recursive Filters for Optical Flow," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 17(1):61-67.
KAM	C51	Gao <i>et al.</i> (1998), "A work minimization approach to image morphing," <u>The Visual Computer</u> , 14:390-400.
KAM	C52	Gauch (1999), "Image Segmentation and Analysis Via Multiscale Gradient Watershed Hierarchies," <u>IEEE Transactions on Image Processing</u> , 8(1):69-79.
	C53	Haralick (1984), "Digital Step Edges from Zero-Crossing of Second-Directional Derivatives," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 6(1):58-68.
	C54	Haris <i>et al.</i> (1998), "Hybrid Image Segmentation Using Watersheds and Fast Region Merging," <u>IEEE Transactions on Image Processing</u> , 7(12):1684-1699.
	C55	Helmerhorst <i>et al.</i> (1987), "The accuracy of colposcopically directed biopsy in diagnosis of CIN 2/3," <u>Eur. J. Obstet. Gyn. Reprod. Biol.</u> , 24, 221-229.
	C56	Horn <i>et al.</i> (1981), "Determining Optical Flow," <u>Artificial Intelligence</u> , 17(1-3):185-203.
	C57	Horn <i>et al.</i> (1993), "Determining Optical Flow": a retrospective, <u>Artificial Intelligence</u> , 59:81-87.
	C58	Huang <i>et al.</i> (1979), "A fast two-dimensional median filtering algorithm," <u>IEEE Transactions on Acoustics, Speech, and Signal Processing</u> , 27(1):13-18.
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	C60	Jackway (1996), "Gradient Watersheds in Morphological Scale-Space," <u>IEEE Transactions on Image Processing</u> , 5(6):913-921.
KAM	C61	Kierkegaard <i>et al.</i> (1995), "Association between Colposcopic Findings and Histology in Cervical Lesions: The Significance of the Size of the Lesion" <u>Gynecologic Oncology</u> , 57:66-71.
KAM	C62	Ko <i>et al.</i> , "Multiresolution Registration of Coronary Artery Image Sequences," <u>International Journal of Medical Informatics</u> , Vol. 44 (1997), pp. 93-104.
	C63	Kumar <i>et al.</i> (1996), "Optical Flow: A Curve Evolution Approach," <u>IEEE Transactions on Image Processing</u> , 5(4):598-610.
	C64	Linde <i>et al.</i> (1980), "An algorithm for vector quantizer design," <u>IEEE Transactions on Communications</u> , 28(1):84-95.
	C65	MacAulay <i>et al.</i> (2002), "Variation of fluorescence spectroscopy during the menstrual cycle," <u>Optics Express</u> , 10(12):493-504.
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<input checked="" type="checkbox"/>	C67	Marzetta <i>et al.</i> (1999), "A surprising radon transform result and its application to motion detection," <u>IEEE Transactions on Image Processing</u> , 8(8):1039-1049.
<input checked="" type="checkbox"/>	C68	Miike <i>et al.</i> (1999), "Motion enhancement for preprocessing of optical flow and scientific visualization," <u>Pattern Recognition Letters</u> , 20:451-461.
<input checked="" type="checkbox"/>	C69	Mikhail <i>et al.</i> (1995), "Computerized colposcopy and conservative management of cervical intraepithelial neoplasia in pregnancy," <u>Acta Obstet. Gynecol. Scand.</u> , 74:376-378.
<input checked="" type="checkbox"/>	C70	Milanfar (1999), "Two-dimensional matched filtering for motion estimation," <u>IEEE Transactions on Image Processing</u> , 8(3):438-444.
<input checked="" type="checkbox"/>	C71	Mitchell <i>et al.</i> (1998), "Colposcopy for the diagnosis of squamous intraepithelial lesions: a meta-analysis," <u>Obstet. Gynecol.</u> , 91(4):626-631.
<input checked="" type="checkbox"/>	C72	Mycek <i>et al.</i> (1998), "Colonic polyp differentiation using time-resolved autofluorescence spectroscopy," <u>Gastrointestinal Endoscopy</u> , 48(4):390-394.
<input checked="" type="checkbox"/>	C73	Nanda <i>et al.</i> (2000), "Accuracy of the Papanicolaou test in screening for and follow-up of cervical cytologic abnormalities: a systematic review," <u>Ann Intern Med.</u> , 132(10):810-819.
<input checked="" type="checkbox"/>	C74	Nesi <i>et al.</i> (1998), "RETIMAC REalTime Motion Analysis Chip," <u>IEEE Transactions on Circuits and Systems-II: Analog and Digital Signal Processing</u> , 45(3):361-375.
<input checked="" type="checkbox"/>	C75	Noble <i>et al.</i> , "Automated, Nonrigid Alignment of Clinical Myocardial Contrast Echocardiography Image Sequences: Comparison with Manual Alignment," <u>Ultrasound in Medicine and Biology</u> , Vol. 28, No. 1 (2002), pp. 115-123.
<input checked="" type="checkbox"/>	C76	Noumeir <i>et al.</i> (1996), "Detection of Motion During Tomographic Acquisition by an Optical Flow Algorithm," <u>Computers and Biomedical Research</u> , 29(1):1-15.
<input checked="" type="checkbox"/>	C77	O'Sullivan <i>et al.</i> (1994), "Interobserver variation in the diagnosis and grading of dyskaryosis in cervical smears: specialist cytopathologists compared with non-specialists," <u>J. Clin. Pathol.</u> , 47(6):515-518.
<input checked="" type="checkbox"/>	C78	Ogura <i>et al.</i> (1995), "A cost effective motion estimation processor LSI using a simple and efficient algorithm," <u>IEEE Transactions on Consumer Electronics</u> , 41(3):690-698.
<input checked="" type="checkbox"/>	C79	Okatani <i>et al.</i> (1997), "Shape reconstruction from an endoscope image by shape from shading technique for a point light source at the projection center," <u>Computer Vision and Image Understanding</u> , 66(2):119-131.
<input checked="" type="checkbox"/>	C80	Pan <i>et al.</i> (1998), "Correlation-feedback Technique in Optical Flow Determination," <u>IEEE Transactions on Image Processing</u> , 7(7):1061-1067.
<input checked="" type="checkbox"/>	C81	Perona <i>et al.</i> (1990), "Scale-space and edge detection using anisotropic diffusion," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 12(7):629-639.
<input checked="" type="checkbox"/>	C82	Radjadhaksha <i>et al.</i> (2000), "Confocal microscopy of excised human skin using acetic acid and crossed polarization: rapid detection of non-melanoma skin cancers," <u>Proceedings of SPIE</u> , 3907:84-88.
<input checked="" type="checkbox"/>	C83	Rakshit <i>et al.</i> (1997), "Computation of Optical Flow Using Basis Functions," <u>IEEE Transactions on Image Processing</u> , 6(9):1246-1254.
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	C84	Reid <i>et al.</i> (1985), "Genital warts and cervical cancer. VII. An improved colposcopic index for differentiating benign-papillomaviral infections from high-grade CIN," <u>Am. J. Obstet. Gynecol.</u> , 153(6):611-618.
	C85	Romano <i>et al.</i> (1997), "Spectroscopic study of human leukocytes," <u>Physica Medica</u> , 13:291-295.
<i>YAM</i>	C86	Ruprecht <i>et al.</i> (1995), "Image warping with scattered data interpolation methods," <u>IEEE Computer Graphics and Applications</u> , 37-43.
<i>YAM</i>	C87	Schmid (1999), "Lesion Detection in Dermatoscopic Images Using Anisotropic Diffusion and Morphological Flooding," <u>Proceedings of the International Conference on Image Processing (ICIP-99)</u> , 3:449-453.
<i>YAM</i>	C88	Schmid (1999), "Segmentation and Symmetry Measure for Image Analysis: Application to Digital Dermatoscopy," <u>Ph.D. Thesis, Swiss Federal Institute of Technology (EPFL), Signal Processing Laboratory (LTS)</u> .
<i>YAM</i>	C89	Schmid (1999), "Segmentation of Digitized Dermatoscopic Images by 2D Color Clustering," <u>IEEE Transactions on Medical Imaging</u> , 18(2):164-171.
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	C91	Shafarenko <i>et al.</i> (1997), "Automatic Watershed Segmentation of Randomly Textured Color Images," <u>IEEE Transactions on Image Processing</u> , 6(11):1530-1544.
	C92	Shafi <i>et al.</i> (1995), "Modern image capture and data collection technology," <u>Clin. Obstet. Gynecol.</u> , 38(3):640-643.
	C93	Szarewski <i>et al.</i> , (1996), "Effect of smoking cessation on cervical lesions size," <u>Lancet</u> , 347:941-943.
	C94	Szeliski <i>et al.</i> (1997), "Spline-based image registration," <u>International Journal of Computer Vision</u> , 22(3):199-218.
<i>YAM</i>	C95	Thirion <i>et al.</i> (1999), "Deformation analysis to detect and quantify active lesions in three-dimensional medical image sequences," <u>IEEE Transactions on Medical Imaging</u> , 18(5):429-441.
	C96	Toglia <i>et al.</i> (1997), "Evaluation of colposcopic skills in an obstetrics and gynecology residency training program," <u>J. Lower Gen. Tract. Dis.</u> , 1(1):5-8.
	C97	Treameau <i>et al.</i> (1997), "A Region Growing and Merging Algorithm to Color Segmentation," <u>Pattern Recognition</u> , 30(7):1191-1203.
	C98	Van den Elsen <i>et al.</i> (1995), "Automatic registration of ct and mr brain images using correlation of geometrical features," <u>IEEE Transactions on medical imaging</u> , 14(2):384-396.
	C99	Vernon (1999), "Computation of Instantaneous Optical Flow Using the Phase of Fourier Components," <u>Image and Vision Computing</u> , 17:189-199.
	C100	Vincent <i>et al.</i> (1991), "Watersheds in Digital Spaces: An Efficient Algorithm Based on Immersion Simulations," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 13(6):583-598.

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<input checked="" type="checkbox"/>	C101	Vincent <i>et al.</i> (1993), "Morphological grayscale reconstruction in image analysis: Applications and efficient algorithms," <u>IEEE Transactions on Image Processing</u> , 2(2):176-201.
<input checked="" type="checkbox"/>	C102	Wang <i>et al.</i> (1999), "Fast algorithms for the estimation of motion vectors," <u>IEEE Transactions on Image Processing</u> , 8(3):435-438.
<input checked="" type="checkbox"/>	C103	Weng <i>et al.</i> (1997), "Three-Dimensional Surface Reconstruction Using Optical Flow for Medical Imaging," <u>IEEE Transactions on Medical Imaging</u> , 16(5):630-641.
<input checked="" type="checkbox"/>	C104	Wolberg <i>et al.</i> (1998), "Image morphing: a survey," <u>The Visual Computer</u> , 14:360-372.
<input checked="" type="checkbox"/>	C105	Written Opinion for International Application No. PCT/US04/11820 dated September 29, 2004 (5 pages).
<input checked="" type="checkbox"/>	C106	You <i>et al.</i> (1996), "Behavioral analysis of anisotropic diffusion in image processing," <u>IEEE Transactions on Image Processing</u> , 5(11):1539-1553.
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<input checked="" type="checkbox"/>	C108	Zeger <i>et al.</i> (1992), "Globally optimal vector quantizer design by stochastic relaxation," <u>IEEE Transactions on Signal Processing</u> , 40(2):310-322.
<input checked="" type="checkbox"/>	C109	Zeng <i>et al.</i> (1993), "A computerized autofluorescence and diffuse reflectance spectroanalyser system for <i>in vivo</i> skin studies," <u>Phys. Med. Biol.</u> , 38:231-240.
<input checked="" type="checkbox"/>	C110	Zeng <i>et al.</i> (1997), "Optimization of fast block motion estimation algorithms," <u>IEEE Transactions on Circuits and Systems for Video Technology</u> , 7(6):833-844.
<input checked="" type="checkbox"/>	C111	Zhang <i>et al.</i> (1999), "Shape from shading: a survey," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 21(8):690-706.
<input checked="" type="checkbox"/>	C112	Zheng <i>et al.</i> (1991), "Estimation of illumination direction, albedo, and shape from shading," <u>IEEE Transactions on Pattern Analysis and Machine Intelligence</u> , 13(7):680-702.
<input checked="" type="checkbox"/>	C113	Zhengfang <i>et al.</i> (1998), "Identification of Colonic Dysplasia and Neoplasia by Diffuse Reflectance Spectroscopy and Pattern Recognition Techniques," <u>Applied Spectroscopy</u> , 52(6):833-839.

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